

AMENDMENTS TO THE SPECIFICATION

Please amend the following paragraph on page 3 as follows:

Figure 1 is a ~~43~~ pictorial illustration in partial cutaway of the present invention.

Please amend the following paragraph on page 4 as follows:

Referring to Figure 1, one embodiment of the present invention comprises ~~four~~three main components: syringe assembly 1, movable assembly 2, ~~and platform assembly 3,~~ and load cell assembly 4. Syringe assembly 1 is secured within movable assembly 2. Movable assembly 2 moves in a reciprocating motion (back and forth) along directional axis 7, 8 within platform assembly 3. Figure 3 illustrates syringe assembly 1. Figure 4 illustrates movable assembly 2. Figure 5 illustrates platform assembly 3. Load cell assembly 4 is secured to the top of movable assembly 2. Figure 6 is a cross sectional view illustrating how movable assembly 2 resides within platform assembly 3.

Please add the following new paragraph to page 6 immediately following the paragraph that ends "[t]he process is repeated until the operation is completed":

The load cell assembly 4 is secured to the top of the movable assembly 2 and is adapted for recording a force measurement taken during the exchange of the sample volume between first syringe 35 and second syringe 15 through capillary 50.